IN THE CLAIMS:

Please amend the claims as follows:

1. (Previously presented) A method for use in a touch based user input device configured to form a middle position on the device upon receiving a simultaneous dual point user input comprising at least two position signals, comprising:

    receiving a first position signal,

    forming a first position on said input device in response to the first position signal,

    receiving a second position signal, determining if said second position signal is a part of the simultaneous dual point user input, and

    if the second position signal is a part of the simultaneous dual point user input, forming a third position on said input device in a relationship to said first position and said middle position.

2. (Canceled)

3. (Previously presented) A method according to claim 1, further comprising:

    using said first and third positions, as coordinates of the dual point user input.

4. (Previously presented) A method according to claim 1, further comprising:

    using said first position, as a coordinate for a single point user input, and

    using said dual user input for allocating a first function to said first position.

5. (Previously presented) A method according to claim 1, wherein if the second position signal is a part of the simultaneous dual point user input is determined by

    monitoring said first and second position signals, and a gradient of a position signal from said first position to said middle position.

6. (Previously presented) A method according to claim 1, further comprising:

storing said third position.

7. (Previously presented) A method according to claim 1, further comprising

detecting a motion of said middle position,

setting one of said first position or said third position as a point of reference, and

calculating a motion of said position that is not said point of reference, by reflecting said point of reference on said middle position.

8. (Original) A method according to claim 5, further comprising

receiving a signal indicative if said first position or said third position is to be used as a point of reference.

9. (Previously presented) A method according to claim 1, wherein said determination of whether said second position signal is a part of the simultaneous dual point user input is based on at least one boundary area defined by possible input options and said first position, wherein dual point user inputs are excluded if said middle position is not detected to be within said boundary area.

10. (Original) A method according to claim 9, wherein said boundary area is a half edge distance area from said first position.

11. (Previously presented) A method according to claim 1, further comprising setting a dual point user input flag, if said second position signal input is a part of a dual point user input.

12. (Previously presented) A method according to claim 11, further comprising:

using said middle position as the actual position of a single point user input, if said dual point user input flag is not set and if it is determined that said second position signal is a part of a simultaneous dual point user input.

13. (Previously presented) A method according to claim 1, further comprising

   displaying an indication that the dual point user input is used.

14. (Previously presented) A method according to claim 1, further comprising:

   using said second position signal as a new position signal of an actual single point user input, if said second position signal input is determined not a part of the dual point user input.

15. (Previously presented) A method according to claim 1, wherein said input device is configured to form a single position upon receiving a position signal input in a single point user input.

16. (Previously presented) A method according to claim 1, further comprising

   storing said first position.

17. (Previously presented) A method according to claim 1, wherein said middle position is different from said first position.

18. (Previously presented) A method according to claim 1, further comprising:

   receiving a third position signal,

   determining if said third position signal is a part of a simultaneous triple point user input comprising the first, second and third position signals, and

   if the third position signal is a part of the simultaneous triple point user input, forming a fourth position on the device in a relationship to said first position and said middle position.

19. (Previously presented) A method according to claim 18, further comprising

   using said first and third and fourth positions, as coordinates of said triple point user input.

20. (Previously presented) A method according to claim 18, further comprising

using said first position, as a coordinate for a single point user input, and

using said simultaneous triple point user input for allocating a second function to

said first position.

21. (Canceled)

22. (Previously presented) A computer program product comprising a computer readable

storage medium for storing program code thereon, said program code comprising

instructions for carrying out the method of claim 1, wherein said program product is

installed in a computer or network device.

23. (Previously presented) A computer program product comprising a computer readable

storage medium for storing program code thereon, said program code being downloaded

from a server for carrying out the method of claim 1, wherein said program product is

installed in a computer or network device.

24. (Withdrawn) A controller for a touch based user input device, wherein said input device

is configured to form a single position on the device upon receiving a single user input

position signal and form a middle position on the device upon receiving a simultaneous

dual point user input comprising at least two position signals, comprising,

an input connectable to said touch based user input device for receiving position

signals representing positions on said touch based user input device, which a user has

touched,

a memory, connected to said input, for storing at least one of said position signals,

a differentiator for detecting time dependent transition properties between two

different successive position signals,

a first evaluation circuit connected to said differentiator for determining if a position signal following a preceding position signal is caused by a single point user input or by a dual point user input including said preceding position signal,

a second evaluation circuit, connected to said input, said memory and said first evaluation circuit, for forming a dual point on basis of said successive positions, if said position signals form a dual point user input, and

an output, connected to said second evaluation unit, connectable to a processing unit.

25. (Withdrawn) A touch based input device controller according to claim 24, further comprising,

an input connected to said second evaluation unit, connectable to said processing unit for receiving control information from said processing unit to control the operation of said second evaluation unit.

26. (Withdrawn) An electronic device comprising a touch based input device, a processor and controller connecting said touch based input device to said processor, characterized in that said controller is a controller according to claim 24.

27. (Withdrawn) An electronic device according to claim 26, wherein said device is a mobile terminal device.

28. (Previously presented) A method for recognizing a dual point input on a touch based user device in an electronic device having a graphic user interface, comprising

forming a first position related to a first user input to said input device,

storing said first position,

forming a second position related to a second user input to said input device, wherein said second user input is subsequent to said first user input,

determining if said second user input is a part of a simultaneous dual point user input including the first user input,

switching said graphic user interface into a zooming mode, if said second user input is a part of a simultaneous dual point user input,

detecting a motion/variation of said second position,

zooming in said graphic user interface, if and when said second position approaches said first point, and

zooming out said graphic user interface, if and when said second position recedes said first point.

29. (Previously presented) The method according to claim 7, further comprising:

switching said graphic user interface into a zooming mode, if said second position signal is a part of the simultaneous dual point user input,

zooming in said graphic user interface, if and when said third position approaches said first point, and

zooming out said graphic user interface, if and when said third position recedes said first point.